

## General Information

Extended Product Type:	CP-E 24/5.0
Product ID:	1SVR427034R0000
EAN:	4016779669689
Catalog Description:	CP-E 24/5.0 Power supply In:115/230VAC Out: 24VDC/5A
Long Description:	The CP-E 24/5.0 is a power supply from the CP-E range. The primary switch mode power supply offers a wide range input of 90-132 V AC, 180-264 V AC and 210-375 V DC, rated input voltage is 115 or 230 V AC (auto select). The rated output power is 120 W, rated output current is 5 A at an output voltage of 24 V DC. The output voltage is adjustable within a range of 22.5 to 28.5 V DC. The power supply provides an U/I output characteristic. In order to increase capacity, up to 3 units can be connected in parallel. A redundancy unit is available as accessory.

## Categories

Products » Low Voltage Products and Systems » Control Products » Power Supplies

## Ordering

Minimum Order Quantity:	1 piece
Customs Tariff Number:	85044090
EAN:	4016779669689

## Dimensions

Product Net Height:	123.6 mm
Product Net Depth:	123.6 mm
Product Net Weight:	0.882 kg
Product Net Width:	63.2 mm

## Container Information

Package Level 1 Length:	160 mm
Package Level 1 Height:	85 mm
Package Level 1 Gross Weight:	0.998 kg
Package Level 1 Units:	1 piece
Package Level 1 Width:	162 mm

## Technical

Number of Phases:	1
Rated Input Voltage ( $U_{IN}$ ):	115 / 230 V AC
Input Voltage ( $U_{IN}$ ):	90 ... 132 V AC 180 ... 264 V AC 210 ... 375 V DC
Rated Frequency Limits:	47 ... 63 Hz
Characteristic of Output:	U/I characteristic curve
Rated Output Power:	120 W
Output Power:	120 W
Rated Output Voltage:	24 V DC
Output Voltage ( $U_{out}$ ):	24 V DC
Rated Output Current:	5 A
Output Current:	5 A
Rated Insulation Voltage ( $U_i$ ):	Input Circuit / Output Circuit 3 V Input Circuit / PE 2 V
Degree of Protection:	Housing IP20 Terminals IP20
Pollution Degree:	2
Connecting Capacity Input Circuit:	Flexible with Ferrule 0.2 ... 4 mm <sup>2</sup> Rigid 0.2 ... 6 mm <sup>2</sup>
Connecting Capacity Output Circuit:	Flexible with Ferrule 0.2 ... 4 mm <sup>2</sup> Rigid 0.2 ... 6 mm <sup>2</sup>
Tightening Torque:	Input Circuit 1 N·m Output Circuit 0.62 N·m
Wire Stripping Length:	Input Circuit 8 mm Output Circuit 8 mm
Minimum Mounting Distance:	Electrical Conductive Board, Horizontal 25 mm Electrical Conductive Board, Vertical 25 mm Other Device Same Type, Horizontal 25 mm

Other Device Same Type, Vertical 25 mm

<b>Mounting Position:</b>	Position 1
<b>Mounting on DIN Rail:</b>	TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715
<b>Standards:</b>	IEC/EN 60950-1 IEC/EN 61000-6-2 IEC/EN 61000-6-3 UL 508 UL 60950 ANSI/ISA-12.12 CAN/CSA C22.2 No.107.1 CAN/CSA C22.2 No.213 CAN/CSA C22.2 No.60950
<b>Function:</b>	Switch mode power supply

## Environmental

<b>Ambient Air Temperature:</b>	Operation -35 ... +70 °C Storage -40 ... +85 °C
<b>RoHS Status:</b>	Following EU Directive 2011/65/EC

## Technical UL/CSA

<b>Connecting Capacity Input Circuit UL/CSA:</b>	Rigid 24-10 AWG
<b>Connecting Capacity Output Circuit UL/CSA:</b>	Rigid 24-10 AWG
<b>Tightening Torque UL/CSA:</b>	Input Circuit 9 in-lb Output Circuit 5.5 in-lb

## Electromagnetic Compatibility

<b>Radiated Electromagnetic Field Immunity acc. to IEC 61000-4-3:</b>	Level 3 10 V/m
<b>Electrical Fast Transient (Burst Immunity) acc. to IEC 61000-4-4:</b>	Level 4 Power Supply Port Signal 4 kV
<b>Surge Immunity acc. to IEC 61000-4-5:</b>	Level 3 Line-to-Line 2 kV Level 4 Line-to-Ground 4 kV
<b>Conducted Disturbances Immunity acc. to IEC 61000-4-6:</b>	Level 3 10 V
<b>Electromagnetic Compatibility (EMC):</b>	Immunity - Class B Emission - Class B
<b>Electrostatic Discharge (ESD Immunity) acc. to IEC 61000-4-2:</b>	Level 4 Air Discharge 15 kV Level 4 Contact Discharge 8 kV

## Certificates and Declarations (Document Number)

<b>Instructions and Manuals:</b>	1SVC427032M0000
<b>CCC Certificate:</b>	CCC_2009010907324503
<b>cUL Certificate:</b>	cUL508_E174460
<b>cUR Certificate:</b>	cUR60950_E196145 cUR_ANSI_E317914
<b>Data Sheet, Technical Information:</b>	2CDC114060D0201
<b>Declaration of Conformity - CE:</b>	1SVD982008-0000
<b>EAC Certificate:</b>	EAC_RU_C-DE.ME77.B.01651
<b>GOST Certificate:</b>	GOST_POCC_CN.AB76.B00924
<b>RoHS Information:</b>	1SVD981001-4400
<b>UL Certificate:</b>	UL508_E174460
<b>UR Certificate:</b>	UR60950_E196145 UR_ANSI_E317914

## Classifications

<b>E-number:</b>	5248134
<b>ETIM 4:</b>	EC002540 - DC-power supply
<b>ETIM 5:</b>	EC002540 - DC-power supply
<b>ETIM 6:</b>	EC002540 - DC-power supply
<b>eClass:</b>	7.0 27049002
<b>UNSPSC:</b>	39121100
<b>Object Classification Code:</b>	T

